

ABSTRACT

An access point for use in a wireless local area network (WLAN) includes a plurality of wireless communication units, which are adapted to exchange data with mobile stations by transmitting and receiving signals over the air on different, respective frequency channels of the WLAN. A physical layer interface in the access point is adapted to be coupled to a communication medium, so as to connect the plurality of wireless communication units to communicate with a hub over a single physical link of the communication medium.